

Notice of Allowability

Application No.

09/751,922

Examiner

Karen B Addison

Applicant(s)

ZBIGNIEW

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/2/03.
2. ☒ The allowed claim(s) is/are 2-10, 12-17, 21, 23.
3. ☒ The drawings filed on 29 December 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No. _____.
- (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
- (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1 ☒ Notice of References Cited (PTO-892)
- 2 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3 ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No. _____
- 4 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5 ☐ Notice of Informal Patent Application (PTO-152)
- 6 ☐ Interview Summary (PTO-413), Paper No. _____
- 7 ☐ Examiner's Amendment/Comment
- 8 ☒ Examiner's Statement of Reasons for Allowance
- 9 ☐ Other

DETAILED ACTION

Allowable Subject Matter

1. Claims 2-10 and 12-17,21-23 are allowed.

The following is an examiner's statement of reasons for allowance: Prior art shows a permanent magnet motor comprising: a magnet, having a body with a central axis with at least one edge aligned parallel to the axis along an entire length of the edge and a magnetic field having a centerline that is skewed. Prior art also show, a stator, rotor) that rotates about a rotor axis relative to the stator; and a plurality of magnets supported by either the rotor each of the magnets having a body with at least one edge aligned parallel with the rotor axis along the entire length of the edge and a magnetic field with a centerline that is not aligned with the rotor axis.

However, Prior art fails to show, a magnet including a body having a central axis along which a portion of the body is aligned, a first side that faces in a first direction and a second side facing opposite the first side, the second side including at least one surface that is oriented to be non-parallel with the body central axis, a distance between the second side surface and the first side that varies along a length of the body, and a magnetic field having a centerline that is skewed relative to the body central axis. Prior art also fails to show, a magnet including a first side facing the stator or the rotor and a second side facing the stator or the rotor wherein the second side of each magnet including at least one surface that is nonparallel with the rotor axis. Prior art also fails to show, a body having a central axis along which a portion of the body is aligned, a first side that faces in a first direction and a second side facing opposite the first side, the

second side including at least one surface that is oriented to be non-parallel with the first body central axis, a plurality of surfaces on the second side, a first one of the surfaces having a constant width and a second one of the surfaces having a varying width, and a magnetic field having a central -line that is skewed relative to the body central axis. Prior art also fails to show a magnet including at least one surface that is nonparallel with the rotor axis, a distance between the second side surface and the first side surface that varies along a length of the body, and a magnetic field with a centerline that is not aligned with the rotor axis.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen B Addison whose telephone number is 703-306-5855. The examiner can normally be reached on 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 703-308-1317. The fax phone number for the organization where this application or proceeding is assigned is 703-305-3431.

Application/Control Number: 09/751,922

Page 4

Art Unit: 2834

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

KBA
11/6/03


BURTON S. MULLINE
PRIMARY EXAMINER